

92 PC, 12.3 XGA 93 9.5
 12.3 XGA Sharp 2 TFT-LCD
 Sharp 11.8
 TFT-LCD
 TFT-LCD 92 532 , 93 350 , 94 500
 TFT-LCD
 97 5000 TFT-LCD
 93 95 3000 , 50 TFT-LCD 96 97 2000
 가 100 TFT-LCD

LC	(1993)	(: Kg)
	400	TN, STN
	380	TN, STN , TFT
	350	TN, STN , TFT
	180	TN, STN , TFT
	130	TFT
	60	TN, STN , TFT
	1,500	-

LCD
 LCD
 () 93
 PC 9.4
 TFT-LCD
 TFT-LCD 가
 9.4 TFT-LCD
 5.5W
 93 9
 TFT-LCD
 TFT-LCD
 2000
 3000
 94 2000
 TFT-LCD
 TFT-LCD
 IC TFT-LCD
 TFT-LCD () STN
 LCD
 TN STN-LCD
 , 94 STN-LCD
 LCD
 60%
 가가
 94 10 STN-LCD , PC LCD
 94 260 11 가 STN-LCD
 LCD 15 8000

500 TFT-LCD 가
 TFT-LCD 93 2000
 3000 TFT-LCD
 TFT-LCD
 93 TFT-LCD 94 2000
 TFT-LCD 95 가 1000 ,
 TFT-LCD IC TFT-LCD

TFT-LCD () STN
 LCD
 TN STN-LCD
 , 94 STN-LCD
 LCD
 60%
 가가
 94 10 STN-LCD , PC LCD
 94 260 11 가 STN-LCD
 LCD 15 8000

() 92 LCD , LCD , 94 LCD

94 10 STN-LCD

PC 94 STN-LCD

94 6 910 STN-LCD 가

9.5 PC STN-LCD 84

가 TN STN-LCD 가가

STN-LCD STN-LCD

STN-LCD

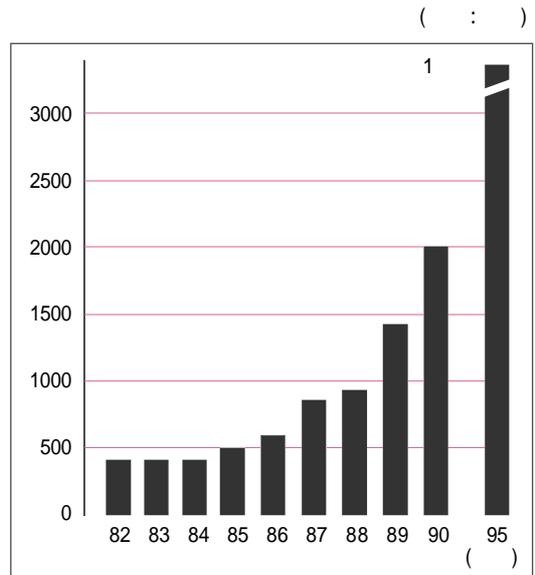
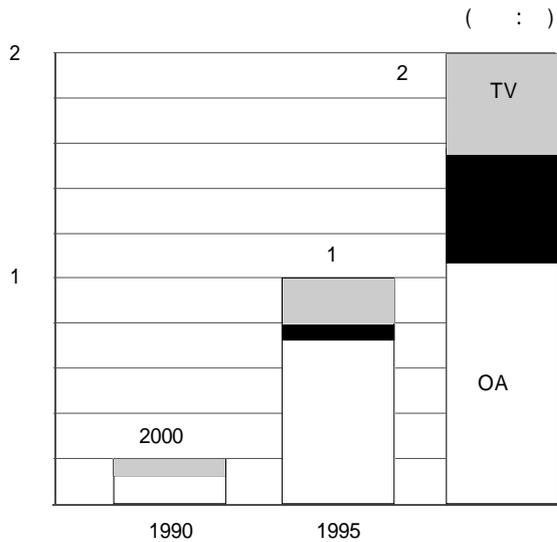
1200 가

2W 16 , 3W VGA 95 64

() LCD LCD

200 STN-LCD LCD 95

LCD



LCD	()			(: 1000 , , %)							
	1991			1993			1995				
	11,310	514	18.9	12,838	812	20.0	14,709	1,209	21.8	6.8	23.8
	22,971	214	7.9	24,231	422	10.4	26,100	671	12.1	3.2	32.4
	159,728	1,754	64.5	160,894	2,449	60.4	161,685	3,004	54.3	0.3	14.4
	673,618	230	8.5	689,691	364	9.0	706,810	590	10.7	1.2	26.6
	5,746	6	0.2	6,067	10	0.2	6,684	61	1.1	3.9	71.1
	873,373	2,718	100	182,847	4,057	100	915,988	5,535	100	1.2	19.5

STN-LCD 가

96 2500

87가 STN-LCD TN LCD PC STN-

LCD 95 1200m2 TN LCD TN-LCD 700m2 LCD

COG

() TN, STN TFT-LCD

93 TFT-LCD 3000 TFT-LCD TFT-

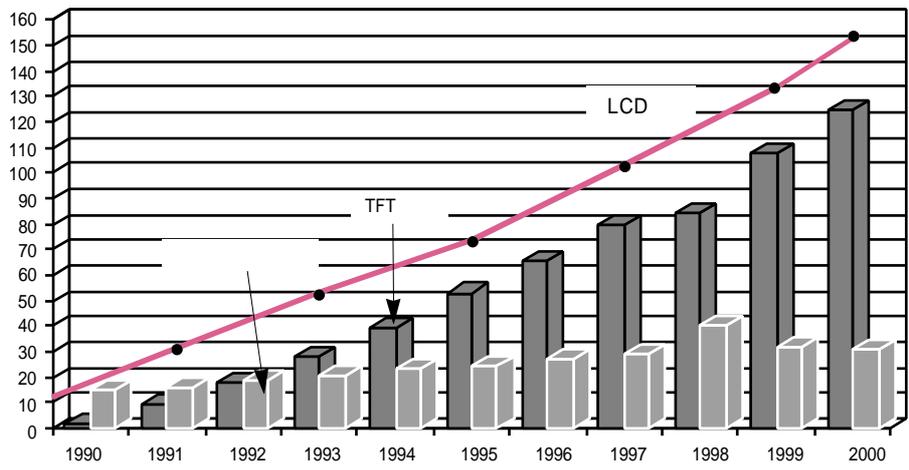
LCD 97 9 TFT-LCD TFT-LCD TFT-LCD 10 4

94 IQT TFT-LCD 94 6 10.4 TFT-LCD

TFT-LCD

TFT-LCD 94 LCD STN-LCD

LCD (:)



, LCD

LCD LCD 80% TFT-LCD

LCD 93 5 1200
 2000 17
 80% LCD
 LCD
 , 8 15 TFT-LCD 92 800
 4000 , 95 4500 , 96 5000

95 8 5000
 가
 LCD
 93 2000 , 94

TV	(:)							
	1989	1990	1991	1992	1993	1994	1995	2000
	72	80	89	99	109	115	121	140
	77	90	115	147	164	182	202	234
	149	170	204	246	273	297	322	374

Display					
					()
STN-LCD					
TFT-LCD					
LCD					
E	L				
	CRT				
F	E	D			

) : , :

14	TFT	Display	
	100	100	
	30ms	30ms	
	100	100	100
	±40°	上±25°, 下-10°	5
	±40°	±40°	

LCD			
20	LT-WS	TV	TV
14	LT-WS	TV	TV
10	LT-WS TV	LT-PC	OA
4~6	TV · VTR	HA	
1~3	HDTV		

1990 1995 2000

6 TFT-LCD
 92 400 , 93 700
 94 1000
 40%

TFT-LCD
 가
 9.4 2000
 가 4.5

TFT-LCD
 8 10 STN-LCD
 LCD 가
 92 93 300 ,
 700 STN-LCD 94 800 , 95

1000
 95
 27%
 STN-LCD
 가
 1
 94 10 가

8 10
 STN-LCD
 TN-LCD 92
 96 1100
 1500

6.4%

LCD

가가

LCD

가

TN

가

STN-LCD

가

TN-LCD

TFT-LCD

LCD

가

STN

LCD

LCD

TFT LCD			
	()		
NEC	13.0	1,289 × 1,024	
	15.0	1,152 × 900	0.261
	13.8	1,152 × 900	0.24
	14.0	1,148 × 800	1.255
	15.0	1,280 × 800	0.126
	11.0	1,120 × 780	
	11.8	1,028 × 768	0.234
	10.4	640 × 480	0.33
	10.4	640 × 480	0.33
	10.4	640 × 480	0.33
NEC	10.4	640 × 480	0.33
	9.4	640 × 480	0.3
	9.5	640 × 480	0.3
NEC	9.4	640 × 480	0.3
	9.5	640 × 480	0.3
	8.4	640 × 480	0.27 × 0.267
NEC	8.9	640 × 480	0.3

가가

가

IC

가

Chisso

40%

93

800

Merck가

Chisso, Rodic

180Kg,

가

400Kg,

130Kg, 60Kg

380Kg,

350Kg,

LCD

LCD

NEC, NH

가

가

TFT-LCD

가

가

93

200

40%가

가 85

17.3%

가 58

11.8%

가 40

8.1%

93

20, 25

, 6

10

500

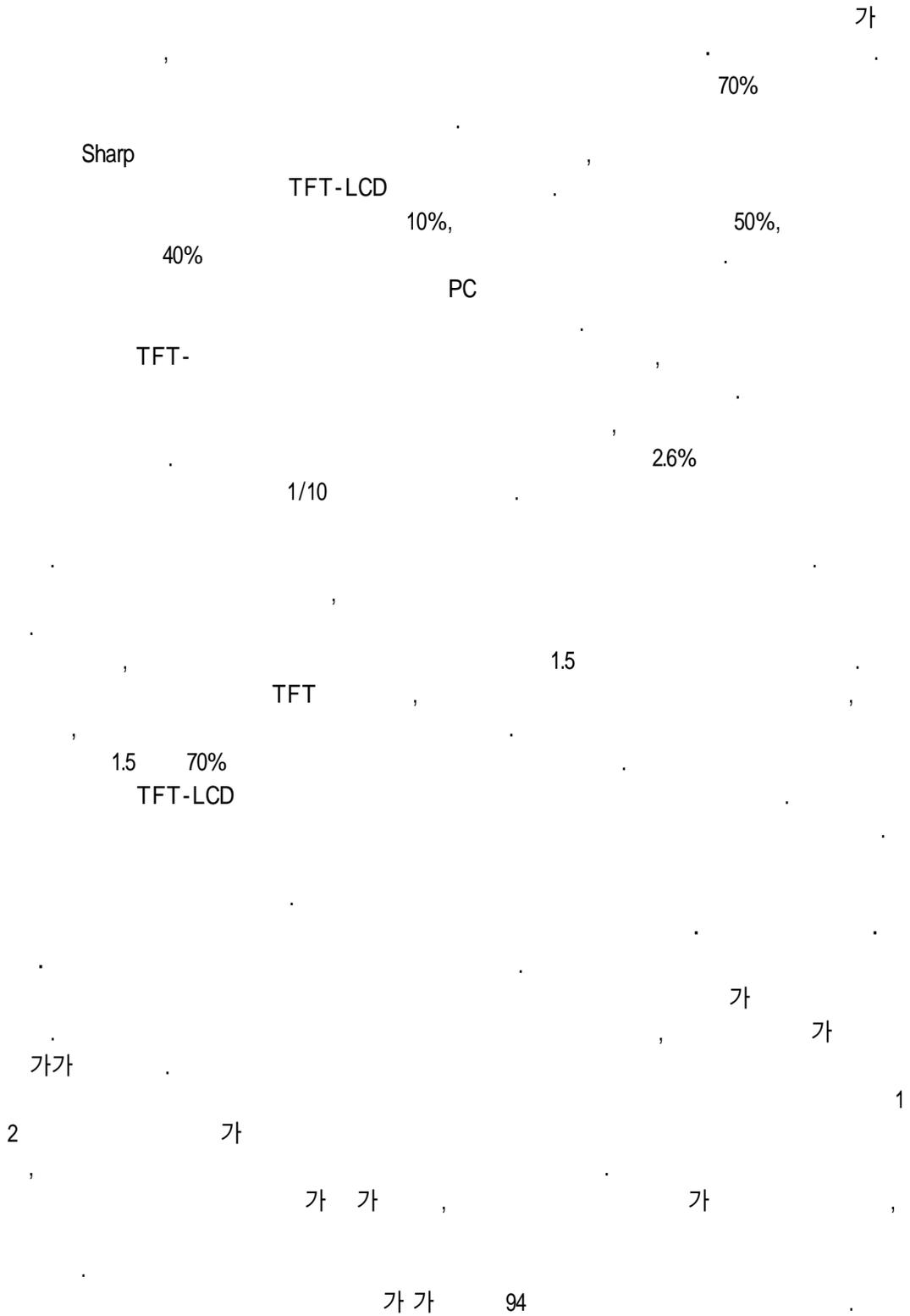
94

550

LCD

IC

가



가 , 가 , Sharp 93
 TFT-LCD 가 ,
 가 , TFT- , 가 ,
 가 .
 TFT-LCD TFT Si 가 가
 Si 가 가
 Si TFT TFT
 TFT 가 TFT
 TFT-LCD Si 가 가 가
 10~15 TFT-LCD
 TFT-LCD
 TFT-LCD
 TFT-LCD
 TFT-LCD 가 2~3
 1
 가
 TFT-LCD TFT-LCD
 LCD PC TV LCD
 TFT-LCD LCD
 가